

Mitsubishi iQ Platform Compatible
FA Integrated Engineering Software
MELSOFT iQ Works

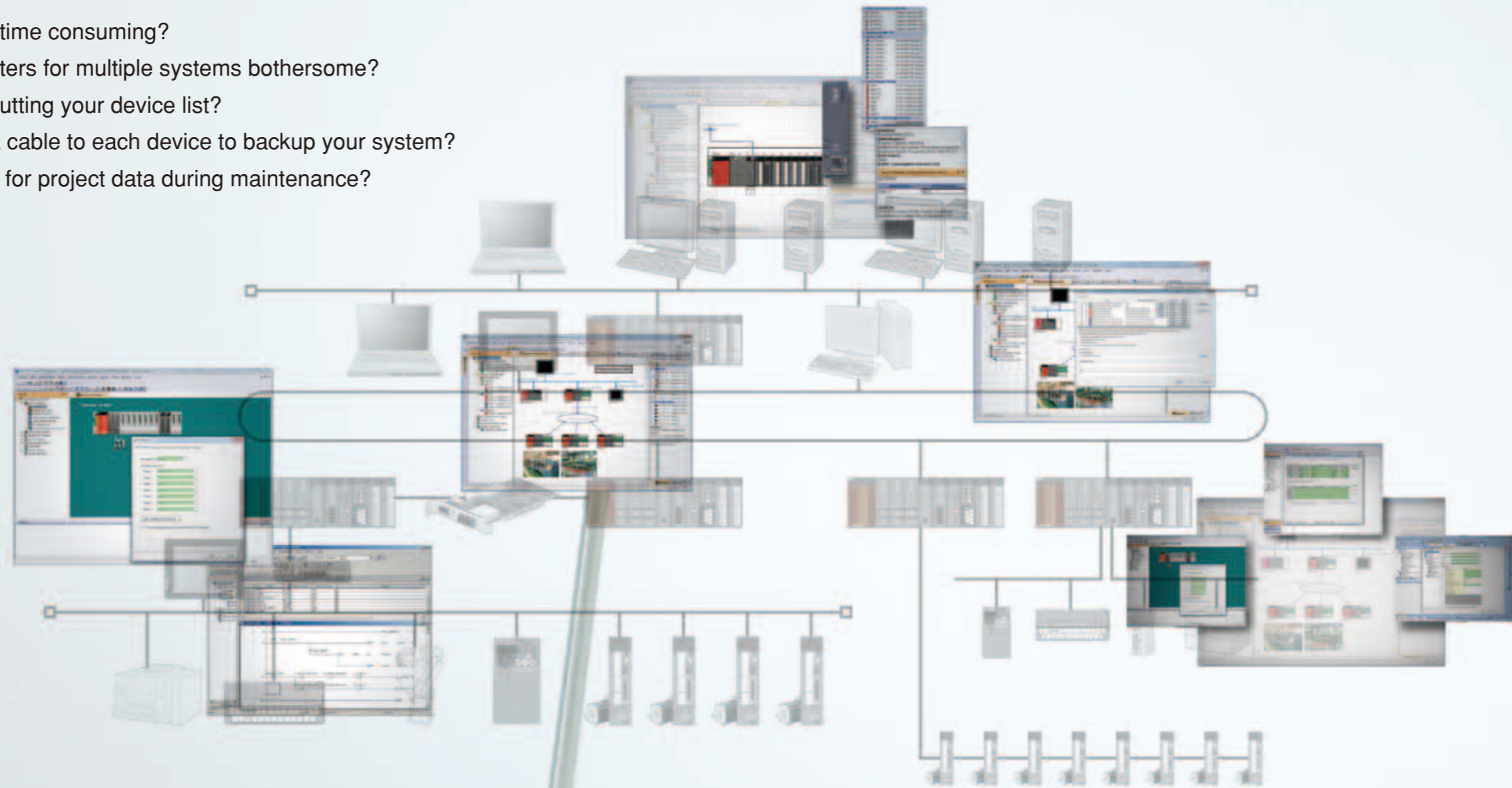
Introducing
+ MELSOFT Navigator



Navigating to an intuitive engineering environment

Engineering innovations start from MELSOFT Navigator

- ☐ Is selecting modules time consuming?
- ☐ Is setting the parameters for multiple systems bothersome?
- ☐ Are you manually inputting your device list?
- ☐ Are you connecting a cable to each device to backup your system?
- ☐ Is it difficult to search for project data during maintenance?



Here's a more interactive and visible engineering style.
Revolutionizing everything from the way you design system specifications
and develop programs, to the way you perform field adjustments,
operations, and maintenance.

Experience the ease-of-use

+ MELSOFT Navigator

Seamless integrated engineering environment to accelerate total cost reduction

MELSOFT iQ Works

System Management Software

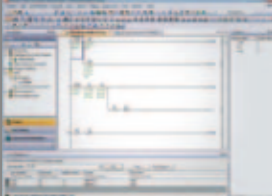
MELSOFT Navigator

MELSOFT Navigator, along with GX Works2, MT Works2, and GT Works3, facilitates system level design and acts as the interface between each software. Useful functions include design of system configuration, parameter batch setting, system labels, and batch read.



Redefining engineering with **MELSOFT Navigator**

Programmable Controller Engineering Software
MELSOFT GX Works2



This software comprehensively supports programmable controller design and maintenance. In addition to inheriting program resources created with GX Developer, familiar functions have been refined to provide more intuitive operation and reduce engineering costs.

Motion Controller Engineering Software
MELSOFT MT Works2



This software comprehensively supports motion controller design and maintenance. Reductions to the motion system's TCO are assisted by intuitive settings on a graphical screen, programming functions and convenient functions such as the digital oscillation simulator.

Screen Design Software
MELSOFT GT Works3



This software comprehensively supports creation of screens for Graphic Operation Terminal. User-oriented functions have been created with three concepts in mind, simplicity, aesthetics, and ease of use, to help the creation of creative screens in fewer steps.



Ease-of-use at your fingertips

MELSOFT Navigator

System Specifications Design

■Module Selection	05
Displays available options in a list. Easily arrange suitable modules in the workspace.	
■Checking Power Supply Capacity/Number of I/O Points	06
No need to look up manuals. Automatic check is available in module configuration.	
■Creating Device List	07
Use CSV files to easily create lists with Microsoft® Excel®.	
■Creating System Configuration	08
Directly apply your system designs in different locations.	
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Templates with preset parameters and labels are available.	

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■Label Sharing	12
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Field Adjustments

■Multiple Device Data Backup	13
Read out project data for multiple devices in batch.	

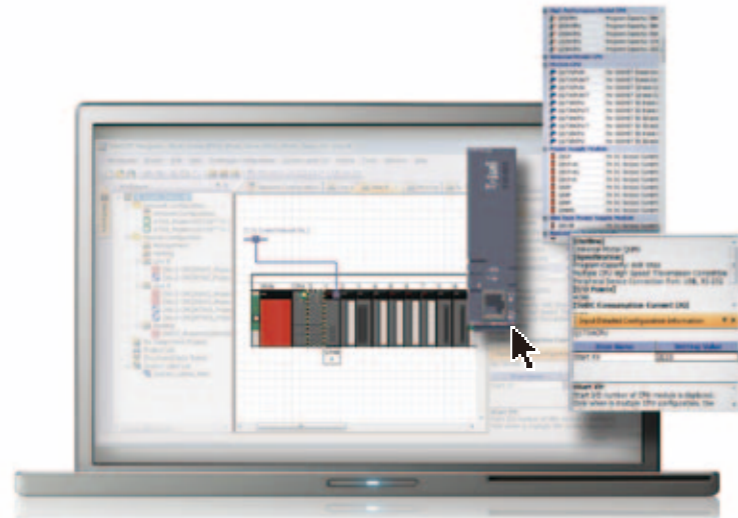
Maintenance

■Project Data Maintenance	15
Finding required data is a breeze with the workspace management method.	
■Maintenance Software Automatic Startup	17
The right software automatically starts up.	
■Management of older sequence program	18
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Find target files instantaneously! Quickly and easily manage data.	

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You'll be amazed at how quickly
you can select the most suitable module.

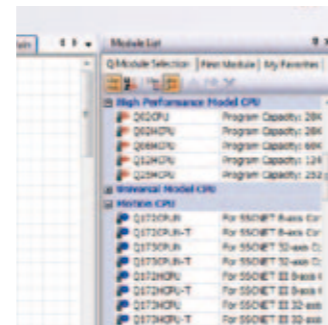
Convenient!



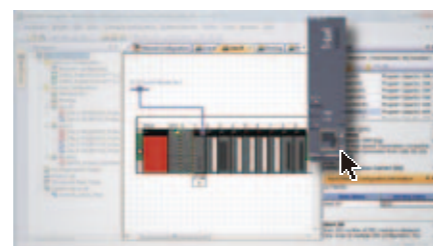
Displays available options in a list. Easily arrange suitable modules in the workspace.

Catalogs to read, web sites to check. The first time-consuming task in designing a system is selecting the modules. With MELSOFT Navigator, all of current available modules are listed, and the specifications of selected modules can be easily confirmed. This simplifies the module selection process. Pick the most suitable module and drag & drop it into the system configuration.

Available modules are listed

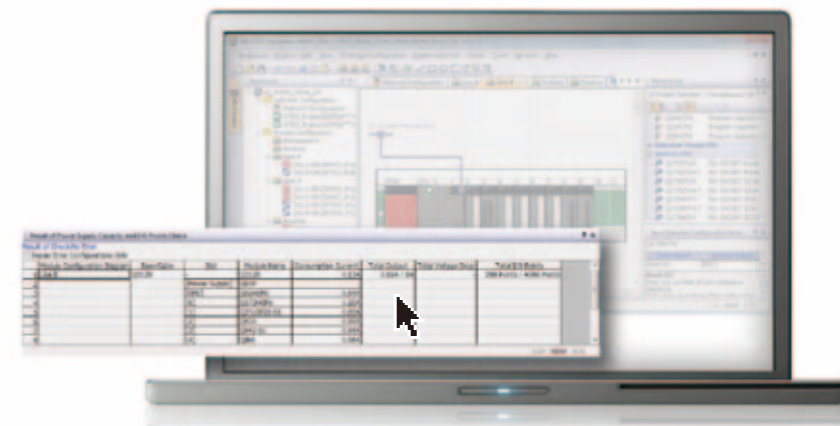


Selected module is illustrated



The power supply capacity and number of I/O points are automatically
checked, so you don't need to rely on the manual!

Time saving!

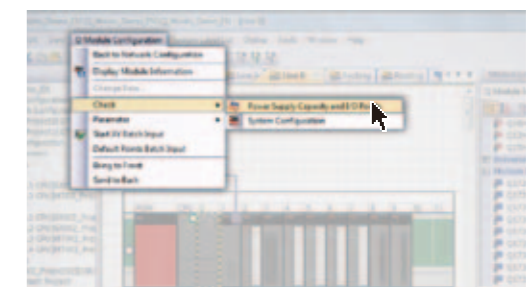


No need to look up manuals. Automatic check is available in module configuration.

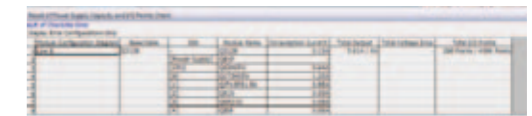
Until now, referencing the manual was essential for calculating power supply capacity and looking up number of I/O points. Since making new selections in case of a mistake is bothersome, users often select extra large power supplies and CPU modules.

With MELSOFT Navigator, power supply capacity and number of I/O points of the selected module are automatically checked for the selected module configuration. This makes it easy to change the power supply and CPU modules when necessary.

Module configuration drawing



Automatic check of power supply capacity/Number of I/O points



Complete the system configuration just by dragging & dropping modules!

The module list shows all modules including special I/O modules.

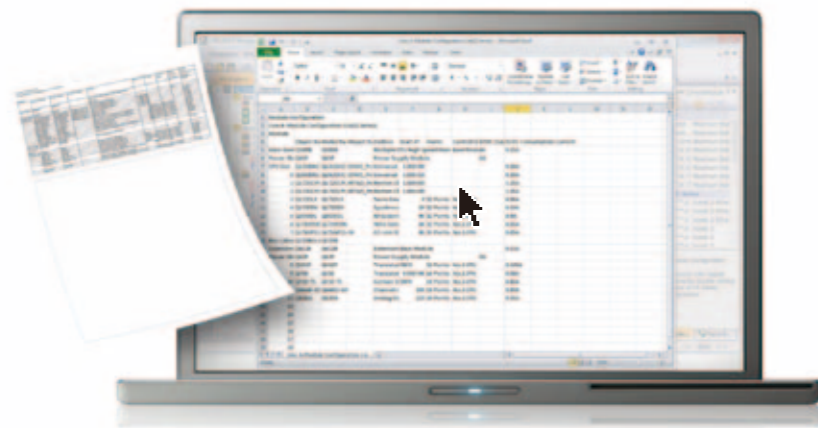


Select the appropriate power supply capacity and number of I/O points!

With automatic check, power supply modules and CPU modules can be re-selected easily.

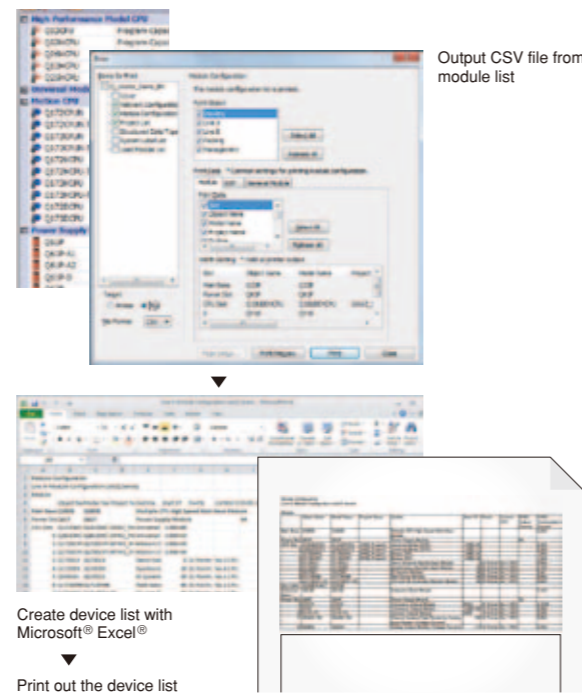
Document your device lists
without having to manually input data!

Easy!



Use CSV files to easily create lists with Microsoft® Excel®.

Manually inputting data into Microsoft® Excel® based on CAD drawings can make it quite time-consuming to prepare device lists for orders. With MELSOFT Navigator, the list of devices in your system configuration drawing can be output as a CSV file which can be used to easily create and output device lists with Microsoft® Excel®.



Make it easier to order modules!
No longer create device lists with manual inputs.

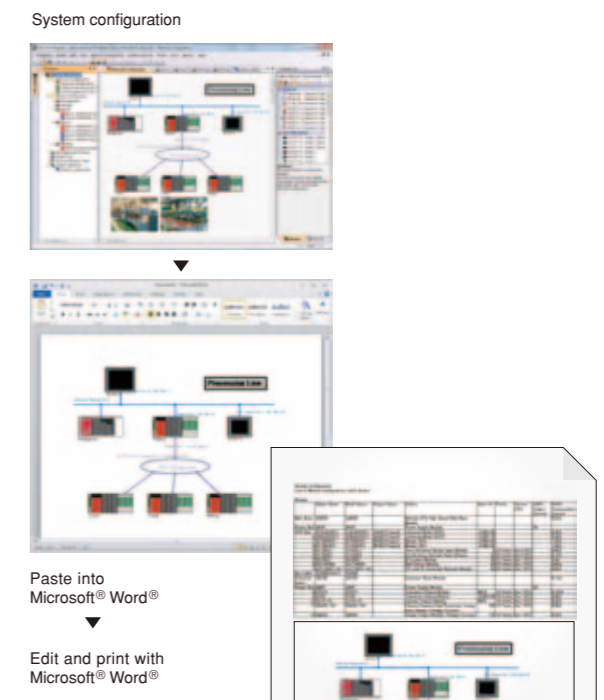
Effortlessly create system configurations without
using Microsoft® Visio® or Microsoft® Word®!

Convenient!



Directly apply your system designs in different locations.

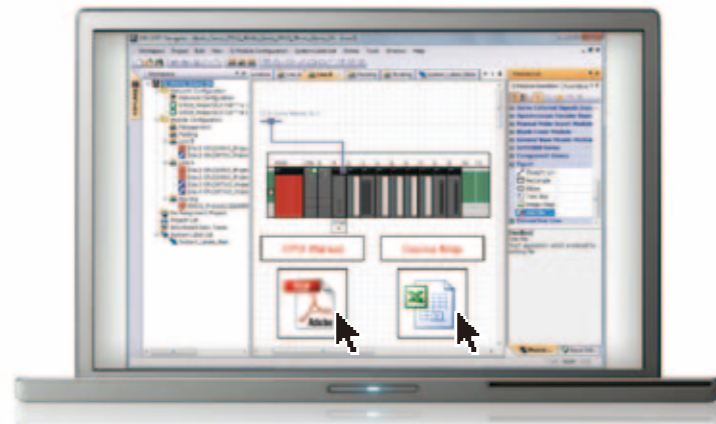
Documenting your system configuration takes time and manpower. Do you still manually input your network configurations, module configurations and parameters settings with Microsoft® Visio® or Microsoft® Word®? Design your system using MELSOFT Navigator and reuse the design details in other documents. There is no need to start from scratch each time.



Incorporate design details into other documents!
Reuse everything from network configurations, module configurations and parameter settings.

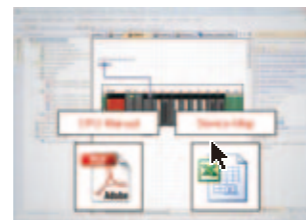
All relevant data are one-click away!

Convenient!

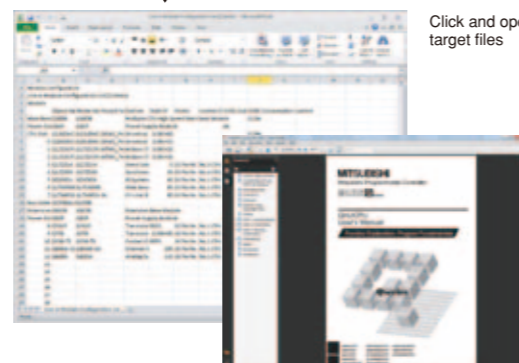


Manage files in a similar fashion as in Microsoft® Windows® desktop.

Saving and managing vast amounts of reference documents used for designing is always a headache. In MELSOFT Navigator, link files to mechanical drawings and past design materials can be pasted into the system configuration. To open the file, just click on the icon as in a Microsoft® Windows® desktop. There is no need to search for each file individually. With link files to design documents readily available, MELSOFT Navigator becomes a convenient portal.



Paste the link file for
reference and design
documents



Click and open
target files

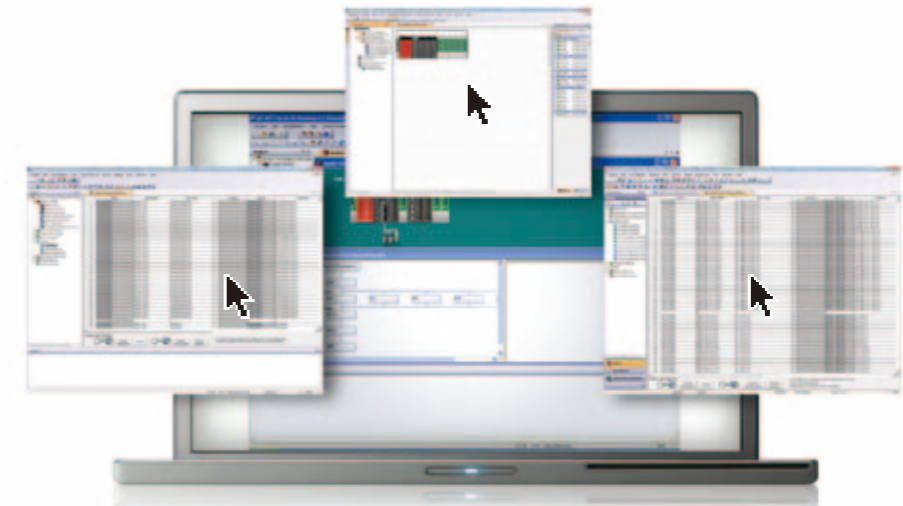


A portal to design documents!

Insert link files to design documentations.

Advanced multi-CPU settings are so easy
when you use templates!

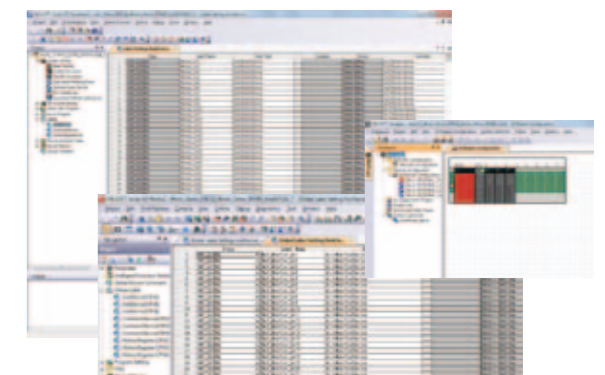
Easy!



Templates with preset parameters and labels are available.

Just as settings for a programmable controller CPU can be complicated, so can settings for a motion controller. MELSOFT Navigator provides multiple templates to facilitate setting up multi-CPU configurations that include a programmable controller CPU and a motion controller. The parameters and labels are preset, allowing you to focus on the programming.

Use templates with preset parameters and labels



Programmable
controller CPU
(GX Works2)

Motion
controller
(MT Works2)

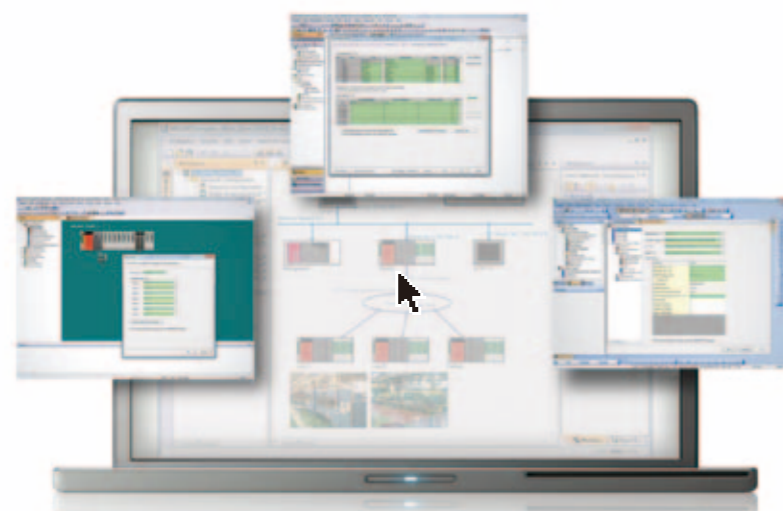


Set up a multi-CPU configuration in a short time!

No need to configure motion control from scratch!

Apply parameters from the system configuration to each station's programmable controller/GOT in one shot!

MELSOFT collaboration!

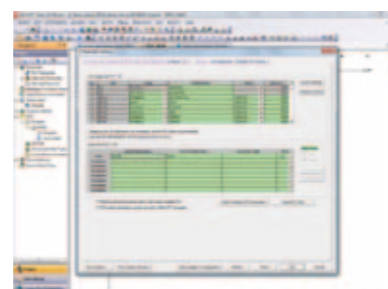


Batch set parameters for multiple systems.

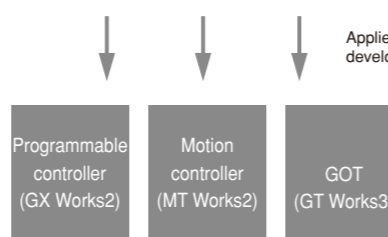
Just when you thought you were finished, you have to set the parameters for the next system... In the programming stage, setting the parameters for multiple systems is bothersome.

With MELSOFT Navigator, the information set in the system configuration is applied in batch onto each GX Works2, MT Works2 or GT Works3 project. There's no need to start each software and check the consistency.

*Detailed parameters must be set with each tool.



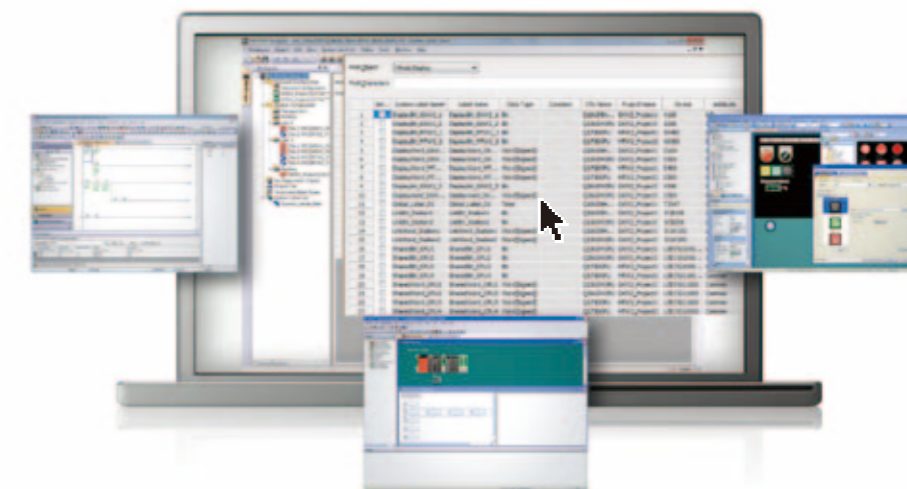
Parameter setting information in system configuration



Applied in batch onto each development tool's data

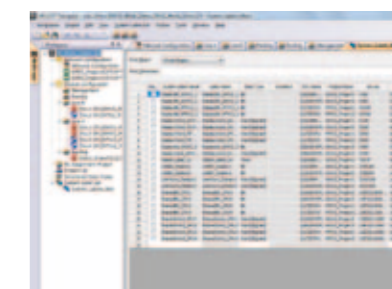
Assign devices for multiple projects just by changing one setting!

MELSOFT collaboration!

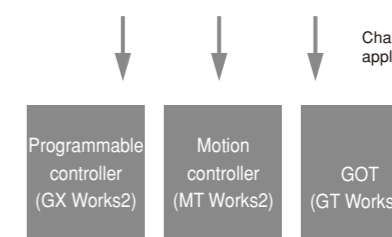


Changes are automatically reflected in all related projects.

In the past, if the device assignments changed, the same corrections had to be made for each of the projects. This problem has been resolved by using MELSOFT Navigator which can share labels between the programmable controller, motion controller and GOT. If, for example, a device assignment is changed in a programmable controller project, those changes are automatically applied on the motion controller and GOT projects. This greatly reduces setting time and setting mistakes.



Define labels from one location



Changes in settings are automatically applied to each project



Apply parameters onto each software in batch!

Parameters are automatically generated from network configuration and module configuration.



Greatly reduce man-hours spent changing settings!

Use system labels to efficiently apply changes throughout the entire system.

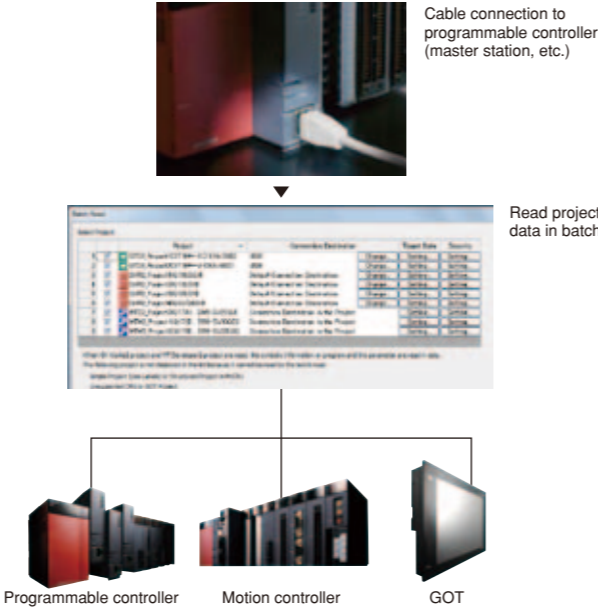
Can you really backup multiple devices
without connecting cables to each one?

MELSOFT
collaboration!



Read out project data for multiple devices in batch.

Programmable controller, motion controller and GOT... The more equipment you connect to the system, the longer it takes to read out project data for backup. With MELSOFT Navigator, if a cable is connected to the master station's programmable controller, to which multiple devices are connected via bus or network (MELSECNET/CC-Link IE/Ethernet), the project data for the multiple devices can be read out in batch. It is unnecessary to connect cables to each device.

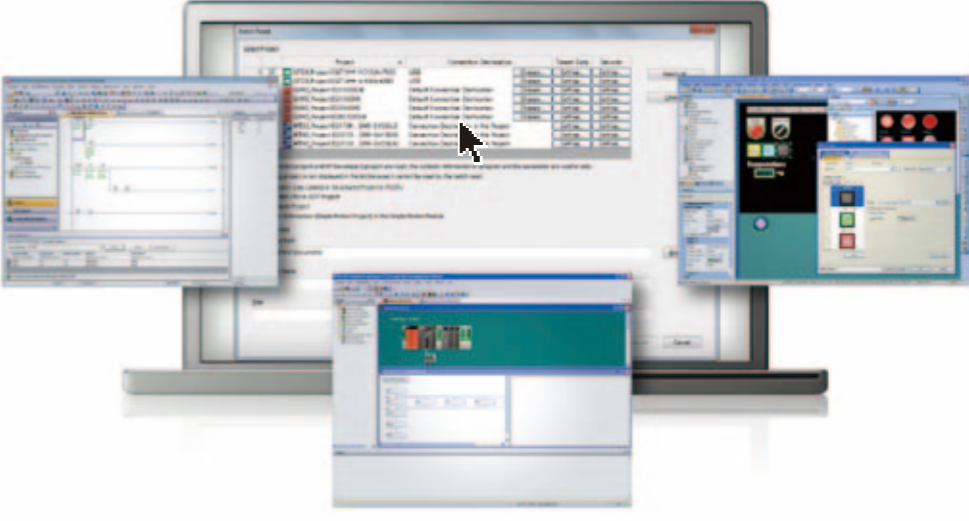


Read from multiple devices with one single cable!

There is no need to individual connect to each device.

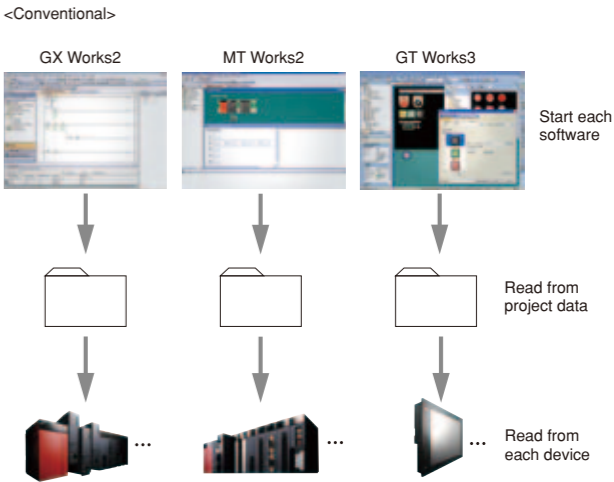
No more operation mistakes
or overdue backups!

MELSOFT
collaboration!



Read in batch without starting each software.

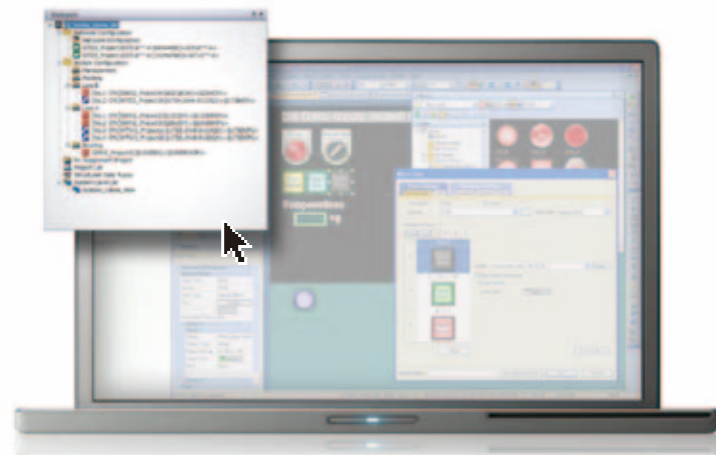
Previously, to read out each device's project data, the operator had to start up each software (GX Works2, MT Works2, GT Works3), read from the project file, and then read data from the device. This process took several minutes per device. As the number of connected devices increased, the possibility of operation mistakes and overlooked backups increased. Now, with MELSOFT Navigator, after initial connections are defined for each software, data can be batch read without having to start up each software. This dramatically improves the efficiency of periodic backups and prevents data from being missed.



Efficiently backup data periodically with no mistakes!

Batch read project data for multiple devices without complicated procedures.

Find the desired project data at a glance!

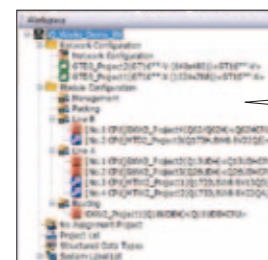
MELSOFT
collaboration!

Finding required data is a breeze with the workspace management method.

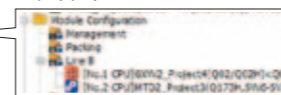
Have you ever felt that when folders are made for each process and managed in nests, it's still hard to find that project data you want to maintain? Once you find the folder, there are several files, and you don't know which one to open.

With MELSOFT Navigator, the project data for several devices such as the programmable controller, motion controller or GOT can be managed as workspaces for a factory or a line. The project names are displayed with a tree structure in the workspace, and you can use Explorer to quickly find the project you need, etc.

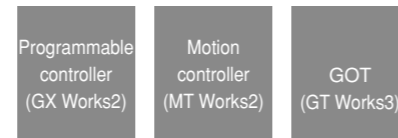
Manage project data with workspaces



Display project names with tree structure



Search for corresponding project



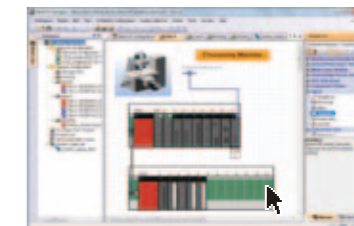
Click to read data

Illustration of the system expedites finding the device you need!

MELSOFT
collaboration!

Click on the illustration to read its device data.

In MELSOFT Navigator, you can insert bitmap images to facilitate visualization of the system, and text boxes to write comments. The illustrations make searching for the desired device intuitive and fast. Reading project data is also made easy by simply clicking on the illustration.

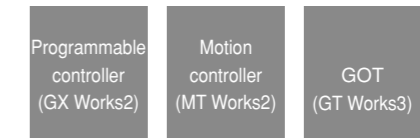


● Paste-able bitmap and text box



● Visually search for the desired device

Read data by clicking the device illustration



No longer manage with project names!

As easy as searching for the project name in the workspace!



Perform intuitive searches with illustrations!

Paste bitmaps and text boxes into system configuration.

How easy! Click on the corresponding project
to start up the right software!

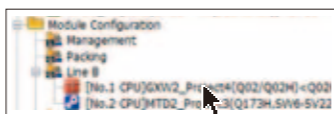
MELSOFT
collaboration!



The right software automatically starts up.

Various software, including GX Developer, GX Works2, MT Works2, and GT Works3, are used to edit project data used in a factory or line. It is often hard to know which software to start up. With MELSOFT Navigator, clicking on a project listed in the system configuration or workspace tree, starts up its corresponding software. The MELSOFT iQ Works Suite includes the license for these tools so you no longer need to manage licenses.

Click on a project in the workspace tree



Click on a device in the system configuration



Software for
corresponding
device automatically
starts up

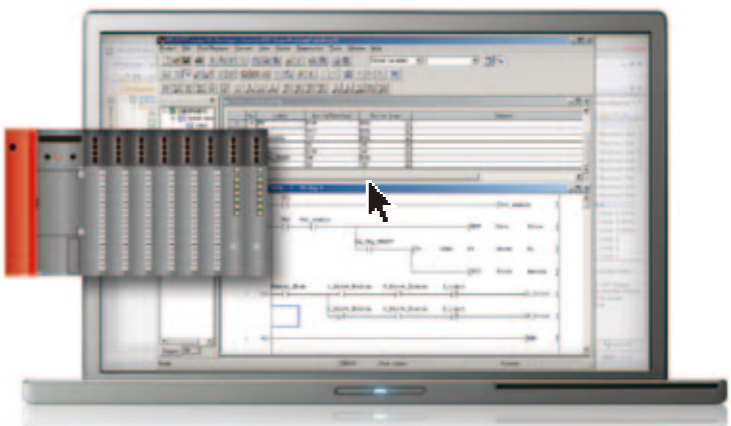
GX Works2

MT Works2

GT Works3

Hassle-free management covers programs
even for older equipment.

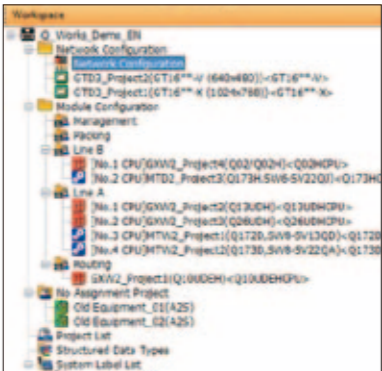
MELSOFT
collaboration!



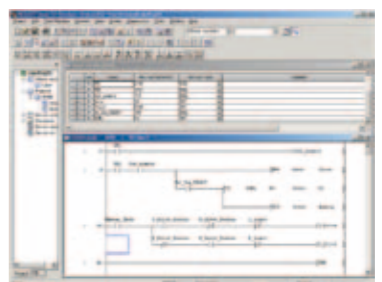
Sequence programs for older equipment can be managed together.

Are you having trouble managing your sequence programs for older equipment? With MELSOFT Navigator, you can work with GX Developer which is capable of editing A Series* sequence programs. Even when using systems consisting of older and newer programmable controllers, the project data for each programmable controller can be managed together with MELSOFT Navigator.

*Excludes some modules.



Start GX Developer from
workspace tree



Manage data for equipment
using older A Series



Maintain your devices without worrying about software!

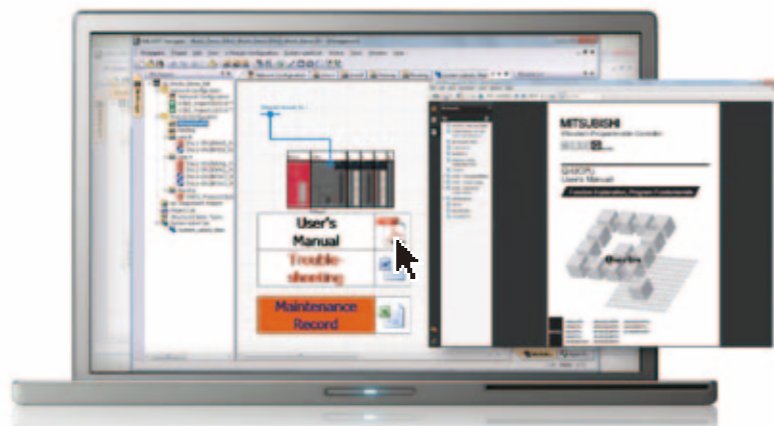
The correct software automatically starts up.



Compatible with GX Developer!

Use GX Developer to edit A Series* sequence programs.

From now on, find the target
instruction manual at a glance!

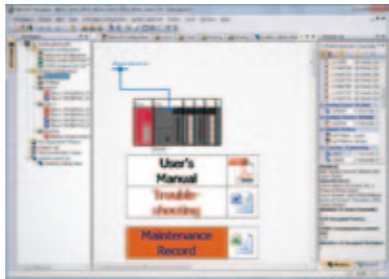


Find target files instantaneously! Quickly and easily manage data.

It's hard to find the equipment's instruction manual file when you need it most. MELSOFT Navigator manages GX Developer, GX Works2, MT Works2 and GT Works3 project, and allows document files created with tools such as Microsoft® Word®, Microsoft® Excel® or PDF to be pasted into the system configuration.

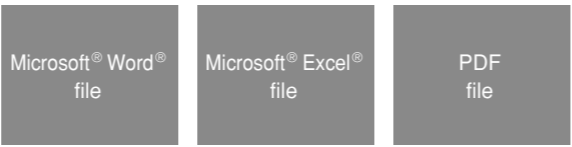
This ease-of-use is just like a portal tool for equipment related documents. Greatly improve the efficiency of design document and instruction manual data management.

Insert link files to documents and data
(Microsoft® Word®, Microsoft® Excel® and PDF, etc.)



Create a portal site of equipment-related documents

Click to display the target instruction file



Handy tool for operators!


Equipment related documents including instruction manuals can be easily searched and referred to by anyone.

Completely updated user interface improves your design efficiency.

Programmable Controller Engineering Software
MELSOFT GX Works2

Integrating simulation functions with configuration functions! No need to purchase GX Simulator and GX Configurator separately.

In addition to programmable controller programming, GX Works2 integrates simulation and various intelligent module setting functions.

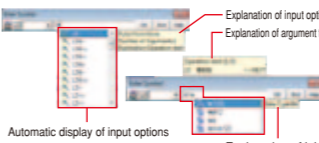
[Integration of simulation function]
The simulator can be started easily with a single button allowing debugging in the same circumstances as online even without an actual machine.

No need to wire a programmable controller mounted device!
Debugging can be started with a personal computer immediately after designing even without wiring a programmable controller.
Operations can be confirmed while viewing movements on a personal computer so designs can be completed without reworking.

[Integration of configuration function]
By opening the setting screen from the project window, the parameters for each module can be set easily on the screen.



Reduce operation steps and input mistakes with candidate displays!

Input options are automatically listed during command and label inputs. When inputting in an inline ST, label and command options are displayed.



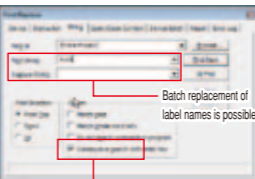
Great visibility! Easy-to-read ladder displays

With fewer returns, circuits are now easier to read.



Easily perform continuous searches of devices with user-friendly operations!

Read mode supports quick searches. Perform a continuous search by pressing the Enter key.



Continuous search function
Press [Ctrl] + [F] keys to search the first "Auto". When the search option is designated, a continuous search is made each time the [Enter] key is pressed.
Press the [Enter] key to search the next "Auto" (cursor moves).
Press the [Enter] key to search the next "Auto" (cursor moves).

Identify similar devices in a glance!

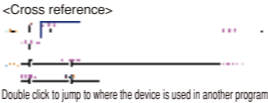
Comments can be set for each bit and for word devices.

A comment can be set for a bit-specified word device and displayed on the ladder circuit.



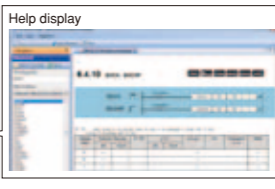
Quickly find where the device is being used!

Cross reference information for the device pinpointed with the cursor is automatically displayed.

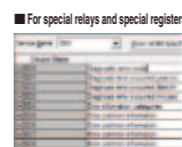
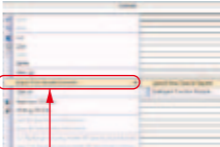


One-touch displayable help function!

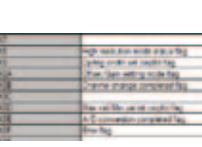
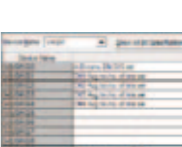
Help for the selected command is displayed immediately when the [F1] key is pressed.



Making it easier to use intelligent function modules through buffer memory and I/O signal comments!



For special relays and special registers
The intelligent function's buffer memory and X/Y comments are supported.



Easily apply predefined comments from the right-click menu.

▶▶▶ Refer to the GX Works2 Catalog <L(NA)08122E> for details.

Intuitive operations on graphical screens. Smoothly set even large-scale programs.

Motion Controller Engineering Software
MELSOFT MT Works2

Programming

Motion controller programming is supported with various convenient functions.

- Graphical motion SFC program and mechanical system program
- Label, device comment and cross-reference
- Command wizard and Instruction help allow you to program without a manual.



System Design

Easily set servo amplifiers and modules on the graphical system setting screen. Parameters also can be set quickly without a manual by checking One-point help.



Startup and Adjustment Supporting startup of the servo system with diverse functions.

■ **Variety of monitor function**

A vast array of monitor functions allow the operation status of the motion controller to be confirmed easily.



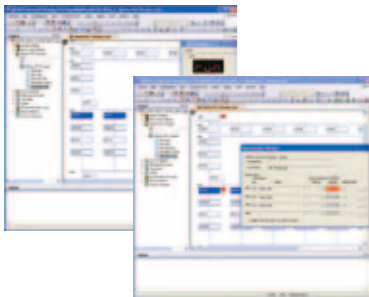
■ **Digital oscillation function**

Data which is synchronized with the motion operation cycle can be collected and displayed. It is possible to set the requested data simply with specified purpose probe setting. Collected data can be saved in CSV format and analyzed with other tools.



■ **Various test operation functions**

In the test mode, basic startup can be confirmed without a program. Using the simulator function, theoretical debugging can be performed without an actual machine. In addition, the debug function is capable of step execution and break point settings.



■ **Collaboration with MR Configurator2**

Use the servo setup software "MR Configurator2", filled with Mitsubishi's servo knowhow, to adjust your servo system effortlessly. Multi-axes servo system can also be adjusted via motion controller from PC.



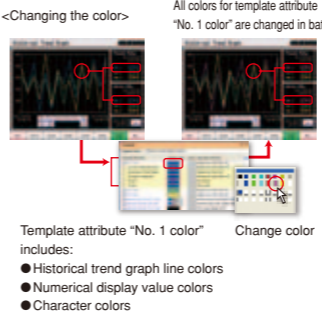
Such easy steps from "New Screen" to "Transfer to GOT".

Screen Design Software
MELSOFT GT Works3

Screen Creation

■ **"Templates" reduce screen creation steps**

Common screens and parts have been prepared as templates. Adjust these templates to quickly and easily create screens to match your target and applications with fewer screen creation steps.



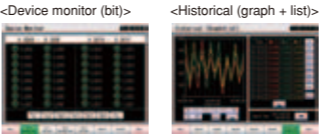
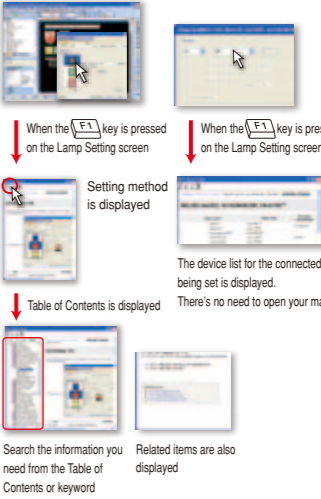
■ **"Data Browser" simplifies setting confirmation and revisions**

The settings for graphics used in the project are all listed.



■ **"Help Function" shows the information you need**

When the F1 key is pressed, help for the currently active dialog opens immediately! Easily check the information you need.



Library

■ **Easily select parts and create beautiful screens.** Various parts can be used just by starting GT Works3.

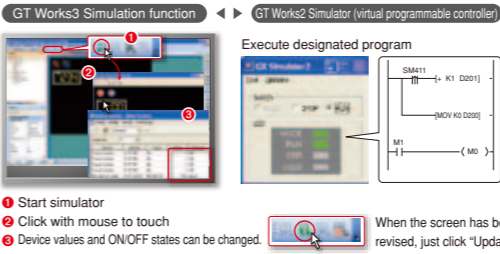


A variety of parts included colored piping parts and dial switch angle developments.

Simulation

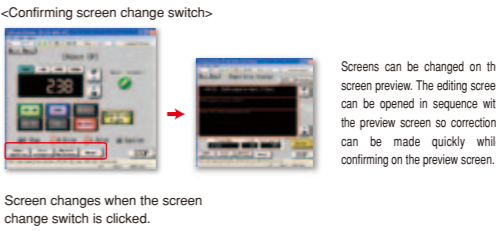
■ **Confirm operations with a single click**

Screen data movements (alarm confirmations, screen transitions and device monitoring, etc.) can be confirmed on your personal computer. Efficiently debug while correcting your screen.



■ **Simple simulation with "Screen Preview"**

Simple simulations and screen changeovers can be confirmed with screen preview. A specific switch display can be turned ON and OFF, device values can be input, and random screen images can be printed and saved, making it easy to prepare specifications and operation procedures.



▶▶▶ Refer to the GT Works3 Catalog <L(NA)08170ENG> for details.

Contact information

- Q

Who do we consult with to make a purchase?
- A

Contact your nearest Mitsubishi branch office or dealer.
- Q

Who do we contact for information on the product technology?
- A

Contact your nearest Mitsubishi branch office or dealer.
Please see the back cover for contact information.

Lineup

- Q

Our personal computers use DVD. Is MELSOFT iQ Works available on DVD?
- A

MELSOFT iQ Works is available on CD and DVD. Select the medium which works on your system.

List of Software Functions

		Model	Outline
iQ Platform compatible FA Integrated Engineering Software	MELSOFT iQ Works	SW1DNC-iQWK-E	Mitsubishi iQ Platform compatible FA Integrated Engineering Software suite with Additional Integrated Functions, CD-ROM Version Mitsubishi iQ Platform compatible System Management Software [MELSOFT Navigator] + Mitsubishi iQ Platform compatible Programmable Controller Engineering Software [MELSOFT GX Works2] + Mitsubishi iQ Platform compatible Motion Controller Engineering Software [MELSOFT MT Works2] + Mitsubishi iQ Platform compatible Screen Design Software [MELSOFT GT Works 3]
		SW1DND-iQWK-E	Mitsubishi iQ Platform compatible FA Integrated Engineering Software suite with Additional Integrated Functions, DVD-ROM Version Mitsubishi iQ Platform compatible System Management Software [MELSOFT Navigator] + Mitsubishi iQ Platform compatible Programmable Controller Engineering Software [MELSOFT GX Works2] + Mitsubishi iQ Platform compatible Motion Controller Engineering Software [MELSOFT MT Works2] + Mitsubishi iQ Platform compatible Screen Design Software [MELSOFT GT Works 3]
	MELSOFT GX Works2	SW1DNC-GXW2-E	MELSEC Programmable Controller Programming SW Programming Function + Intelligent Module Function + Simulator Function
	MELSOFT MT Works2	SW1DNC-MTW2-E	Mitsubishi iQ Platform compatible Motion Controller Engineering Software
	MELSOFT GT Works3	SW1DNC-GTWK3-E	Screen Design Software for GOT + Simple Data Conversion Function + GT SoftGOT 1000 Function + Simulator Function

MELSOFT iQ Works operation environment

Details		
OS *	Microsoft® Windows® 2000 Professional Service Pack4 Microsoft® Windows® XP Professional Service Pack2, 3 Microsoft® Windows® XP Home Edition Service Pack2, 3 Microsoft® Windows® Vista® Home Basic Service Pack1, 2 Microsoft® Windows® Vista® Home Premium Service Pack1, 2 Microsoft® Windows® Vista® Ultimate Service Pack1, 2 Microsoft® Windows® Vista® Business Service Pack1, 2	Microsoft® Windows® Vista® Enterprise Service Pack1, 2 Microsoft® Windows® 7 Ultimate Microsoft® Windows® 7 Enterprise Microsoft® Windows® 7 Professional Microsoft® Windows® 7 Home Premium Microsoft® Windows® 7 Starter
CPU	Desktop: Celeron 2.8 GHz or more recommended	Laptop personal computer: PentiumM 1.7 GHz or more recommended
Memory	1 GB or more recommended	
Display	XGA (1024×768) or more	
Free space	At installation: HD3 GB	During operation: 512 MB of free virtual memory

*32-bit OS supported. Microsoft® Windows®7 64-bit OS support coming soon.

MELSOFT iQ Works compatible version

Details	
MELSOFT GX Works2	Version 1.55H and higher
MELSOFT MT Works2	Version 1.18U and higher
MELSOFT GT Works3	Version 1.28E and higher

Compatible Networks

Ethernet
MELSECNET/H
CC-Link IE control network

Compatible Programmable Controller (MELSEC-Q Series)

Category		Model
CPU	Basic model QCPU	Q00JCPU
		Q00CPU
		Q01CPU
	High-performance model QCPU	Q02CPU
		Q02HCPU
		Q06HCPU
		Q12HCPU
		Q25HCPU
	Universal model QCPU	Q00UJCPU
		Q00UCPU
		Q01UCPU
		Q02UCPU
		Q03UDCPU
		Q03UDECPU
		Q04UDHCPU
		Q04UDEHCPU
		Q06UDHCPU
		Q06UDEHCPU
		Q10UDHCPU
		Q10UDEHCPU
		Q13UDHCPU
		Q13UDEHCPU
		Q20UDHCPU
		Q20UDEHCPU
		Q26UDHCPU
		Q26UDEHCPU
		Q50UDEHCPU
		Q100UDEHCPU
	Motion CPU	Q172CPUN
		Q172CPUN-T
		Q173CPUN
		Q173CPUN-T
		Q172HCPU
		Q172HCPU-T
		Q173HCPU
		Q173HCPU-T
		Q172DCPU
		Q173DCPU
Base module	Main base	Q33B
		Q35B
		Q38B
		Q312B
		Q38DB
		Q312DB

*Above listed modules are compatible with MELSOFT Navigator (Ver. 1.21X).
These modules differ from the MELSOFT GX Works2, MELSOFT MT Works2 and MELSOFT GT Works3 compatible modules.

Category		Model
Base module	Slim type main base	Q32SB
		Q33SB
		Q35SB
	Redundant power supply main base	Q38RB
	Extension base	Q63B
		Q65B
		Q68B
		Q612B
		Q52B
		Q55B
	Redundant power supply extension base	
	Q68RB	
Power supply module	Power supply module	Q61P
		Q61P-A1
		Q61P-A2
		Q61P-D
		Q62P
		Q63P
		Q64P
		Q64PN
	Slim type power supply	Q61SP
	Redundant power supply	
	Q63RP	
	Q64RP	
I/O module	Input	QX10
		QX10-TS
		QX28
		QX40
		QX40-TS
		QX40-S1
		QX40H
		QX41
		QX41-S1
		QX41-S2
		QX42
		QX42-S1
		QX50
		QX70
		QX70H
		QX71
		QX72
		QX80
		QX80-TS
		QX80H
	Output	QX81
		QX81-S2
		QX82
		QX82-S1
		QX90H
		QY10
		QY10-TS
		QY18A
		QY22

Compatible Programmable Controller (MELSEC-Q Series)

Category		Model
I/O module	Output	QY40P
		QY40P-TS
		QY41P
		QY42P
		QY50
		QY68A
		QY70
		QY71
		QY80
		QY80-TS
		QY81P
		QY82P
	I/O	QH42P
		QX48Y57
Interrupt input	QX41Y41P	
	QI60	
Analog I/O module	Analog input	Q68ADV
		Q62AD-DGH
		Q68ADI
		Q64AD
		Q64AD-GH
		Q64AD2DA
		Q68AD-G
		Q66AD-DG
		Q61LD
	Analog output	Q68DAVN
		Q68DAV
		Q68DAIN
		Q68DAI
		Q62DAN
		Q62DA
		Q62DA-FG
		Q64DAN
		Q64DA
		Q66DA-G
	Temperature input	Q64RD
		Q64RD-G
		Q68RD3-G
		Q64TD
		Q64TDV-GH
		Q68TD-G-H01
		Q68TD-G-H02
	Temperature control	Q64TCRT
		Q64TCRTBW
		Q64TCTT
	Loop control	Q64TCTTBW
Q62HLC		
Channel isolated pulse input		QD60P8-G
High-speed counter		QD62
		QD62-H01

*Above listed modules are compatible with MELSOFT Navigator (Ver. 1.21X).
These modules differ from the MELSOFT GX Works2, MELSOFT MT Works2 and MELSOFT GT Works3 compatible modules.

Category		Model
High-speed counter		QD62-H02
		QD62D
		QD62E
		QD63P6
		QD64D2
		QD65PD2
Positioning		QD72P3C3
		QD75P1
		QD75P2
		QD75P4
		QD70P4
		QD70P8
		QD75D1
		QD75D2
		QD75D4
		QD70D4
		QD70D8
		QD75M1
		QD75MH1
		QD75M2
		QD75MH2
		QD75M4
	QD75MH4	
	QD74MH8	
	QD74MH16	
MES interface		QJ71MES96
High-speed data logger		QD81DL96
Ethernet		QJ71E71-100
		QJ71E71-B2
		QJ71E71-B5
Serial communication		QJ71C24N
		QJ71C24N-R2
		QJ71C24N-R4
Intelligent communication		QD51
		QD51-R24
MELSECNET/H	Optical loop (SI)	QJ71LP21-25
		QJ71LP21S-25
	Optical loop (GI)	QJ71LP21G
	Coaxial bus	QJ71BR11
	Twisted bus	QJ71NT11B
CC-Link		QJ61BT11N
CC-Link/LT		QJ61CL12
FL-net (OPCN-2)	Ver. 2.00	QJ71FL71-T-F01
		QJ71FL71-B2-F01
		QJ71FL71-B5-F01
	Ver. 1.00	QJ71FL71-T
		QJ71FL71-B2
		QJ71FL71-B5

MELSOFT Navigator Compatible Module List

Category		Model
AS-i		QJ71AS92
CC-Link IE controller network		QJ71GP21-SX QJ71GP21S-SX
Motion module	Servo external signal input	Q172LX
		Q172DLX Q172EX
	Synchronous encoder input (synchronization between master/slave)	Q172EX-S1
		Q172EX-S2
		Q172EX-S3
	Manual pulse generator input	Q172DEX Q173PX
		Q173PX-S1
		Q173DPX

Compatible Programmable Controller (MELSEC-L Series)

Category		Model
CPU		L02CPU
		L26CPU-BT
Power supply		L61P
		L63P
RS-232 adaptor		L6ADP-R2
End cover		L6EC
	With error terminal	L6EC-ET
CC-Link		LJ61BT11
I/O module	Input	LX40C6
		LX41C4
		LX42C4
	Output	LY10R2
		LY41NT1P
		LY42NT1P
		LY40NT5P
		LY40PT5P
		LY41PT1P
		LY42PT1P
Analog I/O		L60AD4
		L60DA4
Positioning		LD75D4
		LD75P4
Counter		LD62
		LD62D
Simple motion		LD77MH4
		LD77MH16
Serial communication module		LJ71C24
		LJ71C24-R2

*Above listed modules are compatible with MELSOFT Navigator (Ver. 1.21X).
These modules differ from the MELSOFT GX Works2, MELSOFT MT Works2 and MELSOFT GT Works3 compatible modules.

Compatible Programmable Controller (MELSEC-FX Series)

Category		Model
CPU	FX3G Series CPU	FX3G-***M*/ES
		FX3G-***M*/ESS
		FX3G-***M*/DS
		FX3G-***M*/DSS
	FX3U Series CPU	FX3U-***M*/ES
		FX3U-***M*/ESS
		FX3U-***M*/DS
		FX3U-***M*/DSS
	FX3UC Series CPU	FX3UC-***M*/D
		FX3UC-***M*/DS
FX3UC-***M*/DSS		
FX3UC-32MT-LT		
	FX3UC-32MT-LT-2	
Special block	Ethernet block	FX3U-ENET-L

Compatible display

Category	Model
GOT 1000 Series	GT16**-X
	GT16**-S
	GT16**-V
	GT15**-X
	GT15**-S
	GT15**-V
	GT155**-V
	GT15**-Q
	GT12**-V
	GT11**-Q
	GT11**-Q*BDQ (Q bus built-in)
	GT11**-Q*BDA (A bus built-in)
	GT10**-Q
GT1030	
GT1020	

MEMO

MEMO

Mitsubishi iQ Platform Compatible

FA Integrated Engineering Software

MELSOFT iQ Works

Precautions before use

This publication explains the typical features and functions of the products herein and does not provide restrictions and other information related to usage and module combinations. Before using the products, always read the product user manuals. Mitsubishi Electric will not be held liable for damage caused by factors found not to be the cause of Mitsubishi Electric; opportunity loss or lost profits caused by faults in Mitsubishi Electric products; damage, secondary damage, or accident compensation, whether foreseeable or not, caused by special factors; damage to products other than Mitsubishi Electric products; and to other duties.

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